

GOSS[®]

PROFESSIONAL TORCH EQUIPMENT



SOLDERING - BRAZING - WELDING - HEATING

GOSS[®]

PROFESSIONAL TORCH EQUIPMENT

Goss torches, regulators and accessories are known for having the highest quality, value and durability in the industry.

Experience

Since 1940 Goss Inc. has been serving industry throughout the country and abroad with a full range of flame tools and accessories. Our reputation for quality, high performance products, excellent service and efficient distribution has made Goss a manufacturer that customers can depend on.

Goss Products

Goss offers a wide variety of torches and accessories to fit any contractor's need. Our high quality Oxy-Fuel, Air-Acetylene, Air-Propane, Air-Propylene and Nitrogen equipment is individually tested and engineered for performance. A unique feature to Goss Air-Acetylene and Air-Propane tips is their one of a kind flame adjustability. We also provide high quality replacement cutting, welding and heating tips for popular torches.

Quality & Durability



In an independent 3rd party torch test reported by Plumbing & Mechanical Magazine, Goss torches and equipment were compared to other leading torches on the market. They concluded that, "The entire GOSS line proved to be the most indestructible."

Training & Customer Service

Goss has a well established network of sales representatives and distributors who provide customers with many channels of support. They can provide training seminars, counter days, product assistance and additional product information. Contact our friendly customer service department to obtain more information on how we can serve you.

Innovative Solutions

Goss provides innovative products such as the TRIGGER-TORCH[®], TARGET TORCH, SWITCHFIRE, BLAZEBURNER, GOSSWELD, FEATHER FLAME, EZE-LITE, ACET-O-LITE, PRO-FLAME, SEWINDER, TARGET and TORCH GUN

GOSS INC. • 1511 Route 8 • Glenshaw, PA 15116-2301 • USA
Phone: 1-800-367-4677 • 1-412-486-6100 • Fax: 1-412-486-6844

125 SERIES WELDING • BRAZING KITS

The ideal kit for all your light duty welding/brazing needs. This outfit compatible for cutting by adding the TCA-10 cutting attachment.

- Welds to 3/16", brazes to 1-1/2"
- Torch, regulators and hose have size "A" fittings
- Durable construction
- UL listed components

Available with or without cart or stand.



KA-125-M12P (shown)

KIT NO.	CYLINDER CONNECTION STAND OR CART	CONTENT FOR ALL 125 KITS
KA-125-M	MC Acet. Regulator	1 - TW-10A Torch Handle 1 - W-J-1 Weld/Braze Tip
KA-125-M12P	MC Acet. Regulator & Plastic Stand C-1200P	1 - W-J-3 Weld/Braze Tip 1 - SW-12A Hose
KA-125-B	B Acet. Regulator	1 - MP-35 Goggles 1 - MP-1 Lighter

325 SERIES WELDING • BRAZING • CUTTING KITS

This unique kit has a special adaptor which converts the welding torch to use lower temperature air/gas soldering and brazing tips.

- Special adaptor added to convert welding torch to use high temperature air/gas mix target tip
- Welds to 3/16", brazes to 1-1/2", cuts to 3/4"
- Torch, regulators and hose have size "A" fittings
- UL Listed components

Available with or without cart or stand.



KA-325-M12P (shown)

KIT NO.	CYLINDER CONNECTION STAND OR CART	CONTENT FOR ALL 325 KITS
KA-325-M	MC Acet. Regulator	1 - TW-10A Torch Handle 1 - TCA-10 Cutting Attach.
KA-325-M12P	MC Acet. Regulator & Plastic Stand C-1200P	1 - W-J-3 Weld/Braze Tip 1 - 3-101-1 Cutting Tip
KA-325-B	B Acet. Regulator	1 - BA-10A Solder Tip 1 - SW-12A Hose



KA-425-M12P (shown)

425 SERIES WELDING • BRAZING • CUTTING KITS

The best selection for the professional who needs both cutting and welding capabilities.

- Welding, brazing and cutting kits
- Welds to 3/16", brazes to 1-1/2", cuts to 3/4"
- Torch, regulators and hose have size "A" fittings
- UL Listed components

Available with or without cart or stand.

KIT NO.	CYLINDER CONNECTION STAND OR CART	CONTENT FOR ALL 425 KITS
KA-425-M	MC Acet. Regulator	1 - TW-10A Torch Handle 1 - TCA-10 Cutting Attach.
KA-425-M12P	MC Acet. Regulator & Plastic Stand C-1200P	1 - 3-101-1 Cutting Tip 1 - W-J-1 Weld Tip
KA-425-B	B Acet. Regulator	1 - W-J-3 Weld Tip 1 - SW-12A Hose



KA-525-M12P (shown)

525 SERIES WELDING • BRAZING • HEATING KITS

Kit includes a wide variety of tips for a range of applications.

- Welding, brazing, heating kits
- Welds to 3/32", brazes to 1-1/4", heats to 2-1/2"
- Torch, regulators and hose have size "A" fittings
- These kits include a heating tip for larger requirements
- UL Listed components

Available with or without cart or stand.

KIT NO.	CYLINDER CONNECTION STAND OR CART	CONTENT FOR ALL 525 KITS
KA-525-M	MC Acet. Regulator	1 - TW-10A Torch Handle 1 - W-J-1 Weld/Braze Tip
KA-525-M12P	MC Acet. Regulator & Plastic Stand C-1200P	1 - 3033H-15 Heating Tip 1 - SW-12A Hose
KA-525-B	B Acet. Regulator	1 - MP-35 Goggles 1 - MP-1 Lighter



KA-700-M12P (shown)

700 SERIES WELDING • BRAZING KITS • STUBBY-STYLE TIPS

Stubby-Style Tips have a short, heavy duty design and give the user close up control while maximizing movement in tight areas. Kits have many UL listed accessories and are prematched to different tank sizes. Available with or without cart or stand.

KIT NO.	CYLINDER CONNECTION STAND OR CART	CONTENT FOR ALL 700 KITS
KA-700-M	MC Acet. Regulator	1 - TW-5A Torch Handle 1 - 2033-1 Weld/Braze Tip
KA-700-M12P	MC Acet. Regulator & Plastic Stand C-1200P	1 - 2033-3 Weld/Braze Tip 1 - SW-12A Hose
KA-700-B	B Acet. Regulator	1 - MP-35 Goggles 1 - MP-1 Lighter

Front Valve Torch Kits with Standard-Style Tips, “A” Fittings



KA-725-M12P (shown)

725 SERIES WELDING • BRAZING KITS

- Front valve handle featured with standard size tips
- Kits are prematched to different tank sizes
- Available with or without cart or stand.
- Rugged commercial design
- Weld to 3/16", braze to 1-1/2"
- UL listed accessories

KIT NO.	CYLINDER CONNECTION STAND OR CART	CONTENT FOR ALL 725 KITS
KA-725-M	MC Acet. Regulator	1 - TW-5A Torch Handle 1 - W-J-1 Weld/Braze Tip
KA-725-M12P	MC Acet. Regulator & Plastic Stand C-1200P	1 - W-J-3 Weld/Braze Tip 1 - SW-12A Hose
KA-725-B	B Acet. Regulator	1 - MP-35 Goggles 1 - MP-1 Lighter



KA-825-M12P (shown)

825 SERIES WELDING • BRAZING • CUTTING KITS

- Added cutting capacity in a compact design
- Tips included weld to 3/16", braze to 1-1/2", and cut to 3/4"
- Available with or without cart or stand.
- Versatility that other torches can't match
- Kits are prematched to different tank sizes
- UL listed accessories

KIT NO.	CYLINDER CONNECTION STAND OR CART	CONTENT FOR ALL 825 KITS
KA-825-M	MC Acet. Regulator	1 - TW-5A Torch Handle 1 - TCA-10 Cutting Attach 1 - 3-101-1 Cutting Tip
KA-825-M12P	MC Acet. Regulator & Plastic Stand C-1200P	1 - W-J-1 Weld/Braze Tip 1 - W-J-3 Weld/Braze Tip 1 - SW-12A Hose
KA-825-B	B Acet. Regulator	1 - MP-35 Goggles 1 - MP-1 Lighter

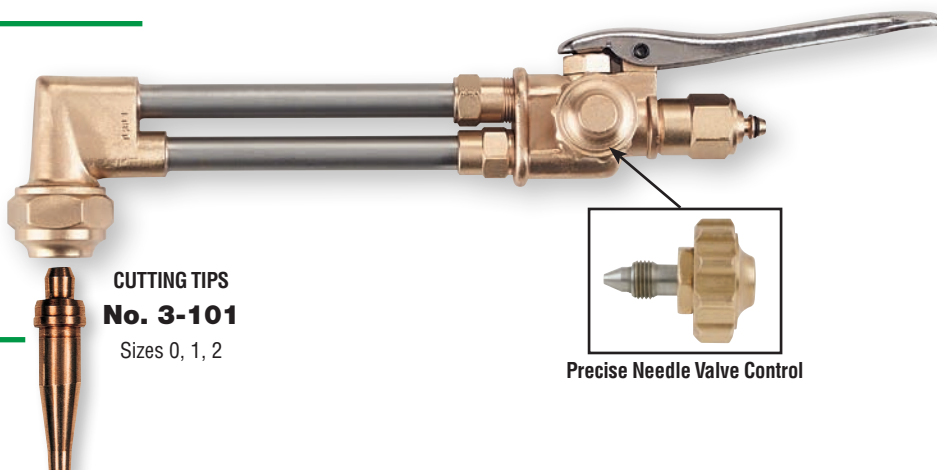
COMMON FEATURES

- Used by heating, cooling, refrigeration, repair shops and industry contractors
- Forged heads for durability
- Numerous tip sizes and styles available
- UL listed components

TCA-10 CUTTING ATTACHMENT

Fits TW-10A and TW-5A

- 8" Long
- Uses 3-101 Cutting Tips



CUTTING TIPS

No. 3-101

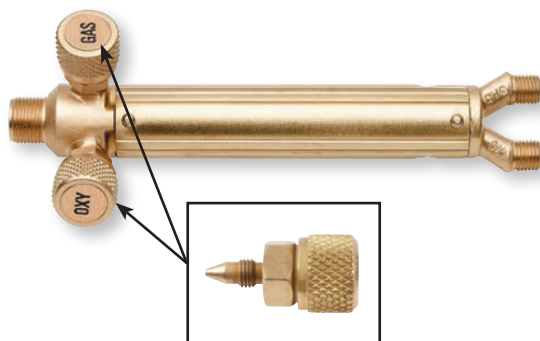
Sizes 0, 1, 2

Precise Needle Valve Control

TW-5A FRONT VALVE TORCH

"A" Hose Inlets

- 6" Long
- Uses W-J Series and Stubby-Style Tips

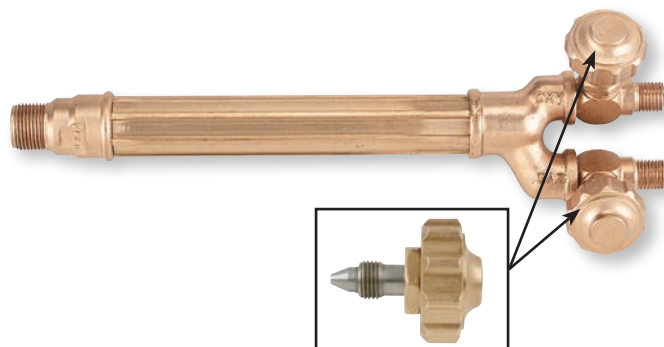


Precise Needle Valve Control

TW-10A REAR VALVE TORCH

"A" Hose Inlets

- 7-3/4" Long
- Uses W-J Series and Stubby-Style Tips



Precise Needle Valve Control

TIPS FOR TW-10A AND TW-5A TORCHES

Standard Style Tips that provide extra reach and heat protection

WELDING/BRAZING TIPS



From 4" to 8" Long

No. W-J

Sizes 0 thru 4

HEATING/ROSEBUD TIPS



7" Long

No. 3033H

Sizes 15, 30

WELDING/BRAZING TIPS



No. 3033J

Sizes 1, 3

Stubby-Style Tips have a short heavy-duty design for applications needing a short profile

WELDING/BRAZING TIPS



3"

No. 2033

Sizes 0 thru 3

HEATING TIPS

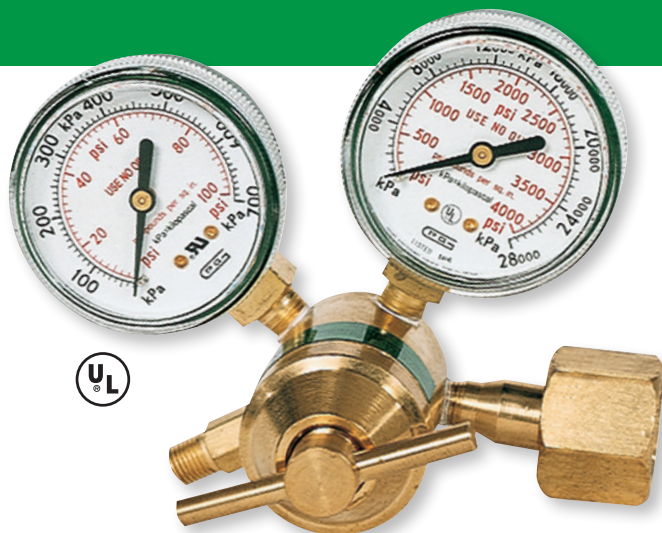


4"

No. 2033H

Size 15

See Page 22 for brazing capacity



FUEL GAS REGULATORS

MODEL DESCRIPTION

EA-25-B	B Acet. (CGA 520) B Hose Fitting
EA-25-BA	B Acet. (CGA 520) A Hose Fitting
EA-25-M	MC Acet. (CGA 200) B Hose Fitting
EA-25-MA	MC Acet. (CGA 200) A Hose Fitting

GOSSWELD REGULATORS

These UL listed regulators are manufactured from durable brass and include easy to read gauges, sintered inlet filters, and replaceable inlet and outlet fittings. Goss regulators give the constant and accurate gas flow needed by professionals.

EO-25F-A (shown)

OXYGEN REGULATORS

MODEL DESCRIPTION

EO-25F-A	Oxygen (CGA 540) A Hose Fitting
EO-25F	Oxygen (CGA 540) B Hose Fitting

REVERSE FLOW CHECK VALVES

JP-19 Oxy/Fuel Set, "A" Fittings
JP-19L LH, 3/8" (A) Torch Fuel FTG.
JP-19R RH, 3/8" (A) Torch Oxy FTG.

- Prevents the reverse flow of gases
- Connect directly to torch inlets



TWIN HOSE

ACETYLENE, GRADE "R" HOSE

SW-8A	8' (A) Fittings 3/16" ID
SW-12A	12' (A) Fittings 3/16" ID
SW-25A	25' (A) Fittings 3/16" ID



STANDS



C-1200P
Heavy Duty
Plastic Stand for 20
cu. ft. Oxy. &
10 cu. ft. MC Acet.

FEATHER FLAME KITS & TIPS

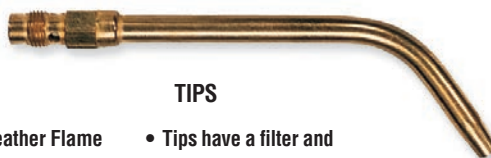
"Screw-in Style"

These kits include our most economically priced air-acetylene tips. Their design makes them inexpensive while still producing excellent flame characteristics.



KA-1H (shown)

KIT NO.	TIP NO.	REG. FTG
KA-1H	BA-3	"B" Cylinder
KA-2H	BA-3	"MC" Cylinder
KA-31 *	BA-2, BA-3, BA-4	"B" Cylinder
KA-32 *	BA-2, BA-3, BA-4	"MC" Cylinder
KA-37H *	BA-4	"B" Cylinder
KA-38H *	BA-4	"MC" Cylinder



TIPS

- Pencil Point/Feather Flame
- Adjustable Flame feature
- Tips have a filter and removable orifice
- Heavy-duty UL listed regulator

TIP NO.	TIP SIZE	SOFT SOLDER
BA-1	1/16"	1/16" - 1/8"
BA-2	1/8"	1/8" - 1/4"
BA-3	3/16"	1/4" - 1/2"
BA-4	1/4"	1/2" - 1"
BA-5	5/16"	1" - 1-1/2"
BA-6	7/16"	2" - 4"



KX-3B (shown)

KIT NO.	TIP NO.	REG. FTG
KX-3B	GA-3, GA-11	"B" Cylinder
KX-4B	GA-5, GA-14	"B" Cylinder
KX-5B	GA-5	"B" Cylinder
KX-5MC	GA-5	"MC" Cylinder
KX-6MC	GA-3, GA-8	"MC" Cylinder
KX-6B	GA-3, GA-8	"B" Cylinder
KX-7B	GA-8	"B" Cylinder

Contents: HA3-12 hose, GG-4 handle, tip(s), MA-2 wrench and regulator.



KX-10B (shown)

KIT NO.	TIP NO.	REG. FTG
KX-10B	GA-5L	"B" Cylinder
KX-10MC	GA-5L	"MC" Cylinder
KX-15B	GA-8L	"B" Cylinder
KX-15MC	GA-8L	"MC" Cylinder
KX-20B	GA-14L	"B" Cylinder

Contents: HA3-12 hose, GG-4 handle, tip, MA-2 wrench and regulator.

TARGET KITS & TIPS

"Snap-in Style"

Kits feature the adjustable Target Tips for professional soldering and brazing applications. These tips are very hot and have a compact flame. Kits also include a quick disconnect handle, 12 ft. hose and UL listed regulator.

Choose from a wide selection of kits below.



- **MaX Performance** Turbine Flame
- Adjustable flame feature
- Unique mixer design reduces brazing time over conventional tips
- Tips have a filter and removable orifice
- Interchangeable with other snap-in style tips and equipment
- Made of heavy gauge stainless steel and brass

TIP NO.	TIP SIZE	SOFT SOLDER	SILVER BRAZE
GA-2	1/4"	1/8" - 1/2"	1/8" - 1/4"
GA-3	5/16"	1/4" - 1"	1/8" - 1/2"
GA-5	3/8"	3/4" - 1-1/2"	1/4" - 3/4"
GA-8	3/8"	1" - 2"	1/2" - 1"
GA-11	7/16"	1-1/2" - 3"	7/8" - 1-5/8"
GA-14	1/2"	2" - 4"	1" - 2"
GA-32	3/4"	4" - 6"	1-1/2" - 4"

EZE-LITE™ INSTANT IGNITION KITS & TIPS

"Snap-in Style"

Kits feature EZE-Lite push button ignition tips with a turbine swirl action flame. Also featured is the quick disconnect handle, 12 ft. hose and UL listed regulator.

Kits are prematched to different tip and tank sizes.



- **MaX Performance** Turbine Flame
- Adjustable flame feature
- Tip ignites with the push of a button
- Tips have a filter and removable orifice
- Interchangeable with other quick disconnect style tips and equipment

TIP NO.	TIP SIZE	SOFT SOLDER	SILVER BRAZE
GA-3L	1/4"	Up to 1"	Up to 1/2"
GA-5L	5/16"	Up to 1-1/2"	Up to 3/4"
GA-8L	3/8"	Up to 2"	Up to 1"
GA-14L	1/2"	Up to 4"	Up to 2"



KX-3BS (shown)

SIDEWINDER™ KITS WITH ACETYLENE STANDS

Fits "B" or "MC" Acetylene Cylinders (Cylinders not included)

Part No. KX-3BS

Carry/Kit Combo
C-850 Acetylene Stand for "B" Cylinder
Heavy-duty GG-4 Torch Snap-in
Max Performance GA-3 & GA-11 Tips
"B" Regulator, 12' Hose & Wrench

Part No. KX-2003-MCS

Carry/Kit Combo
C-800 Acetylene Stand for "MC" Cylinder
Heavy-duty GG-4 Torch Snap-in
Max Performance GA-5L & GA-8 Tips
"MC" Regulator, 12' Hose & Wrench

Part No. KX-5BS

Carry/Kit Combo
C-850 Acetylene Stand for "B" Cylinder
Heavy-duty GG-4 Torch Snap-in
Max Performance GA-5 Tip
"B" Regulator, 12' Hose & Wrench

Part No. KX-2003-BS

Carry/Kit Combo
C-850 Acetylene Stand for "B" Cylinder
Heavy-duty GG-4 Torch Snap-in
Max Performance GA-5L & GA-8 Tips
"B" Regulator, 12' Hose & Wrench

Part No. KX-10BS

Carry/Kit Combo
C-850 Acetylene Stand for "B" Cylinder
Heavy-duty GG-4 Torch Snap-in
Piezo Ignition GA-5L EZE-LITE Tip
"B" Regulator, 12' Hose & Wrench

INDIVIDUAL SIDEWINDER™ ACETYLENE STANDS

Fits "B" or "MC" Acetylene Cylinders (Cylinders not included)

Part No. C-850

"B" Acetylene Stand

Part No. C-800

"MC" Acetylene Stand

Heavy-duty Design



C-850 (shown)

Red Handles for Use with Acetylene



AA-1



GG-4

SPECIALTY TIPS

"Snap-in Style"

SNAP-IN design used with GG-4 handle. Duel feather flame design for special applications.

TIP NUMBER	FLAME DIAMETER	SOFT SOLDER	SILVER SILVER BRAZE
GA-3J	5/16"	1/4" to 1"	1/8" to 1/2"
GA-8J	3/8"	1" to 2"	1/2" to 1"



COLOR-CODED "O" RINGS
Red for Acetylene (RUB-136R)

ACET-O-LITE

"Screw-in Style"

Part No. AA-1

Adjustment valve in the front for single hand operation. Needle valve design enables very fine flame adjustments. *This torch will keep your tips burning efficiently in drafts, winds, and adverse conditions.* It is made with quality brass, has a durable handle and uses standard 3/8-24 LH "A" size hose fittings. Seat gasket, RUB-100.

Goss Acet-O-Lite torch handle will work with all "BA" style tips listed on page 7.

TARGET TORCH

"Snap-in Style" Part No. GG-4

This handle has a quick disconnect fitting to rapidly change tips. Tips are designed to operate efficiently in winds and adverse conditions. Comfortable grooved handle is made of very durable materials. Uses 3/8-24 LH "A" hose fittings.

Goss Target Torch handle will work with all "GA" style tips listed on page 8.

"Snap-in Style"

The J-Tip design allows you to solder or braze in hard-to-reach areas while safely pointing the flame away from flammable surfaces.

J-TIPS



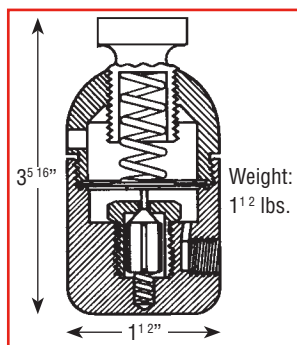
ACETYLENE REGULATORS

These UL LISTED regulators, manufactured from solid brass, are made for rugged use. *They have a specially designed conical seat and diaphragm.* The inlets have filters to prevent dirt from entering the regulator.

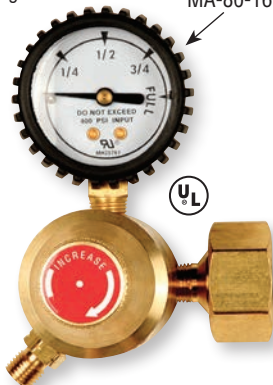
EA-1G B cyl. connection; "A" Hose fitting 3/8 - 24 L.H.

EA-2G MC cyl. connection; "A" Hose fitting 3/8 - 24 L.H.

GAUGE ONLY
Part No.
MA-80-16



Weight:
1¹/₂ lbs.



ACETYLENE HOSE

Hose assemblies are made of quality 7/16" OD x 3/16" ID single ply fabric reinforced Grade R hose.

It has a 200 PSI working pressure.

HA3-6 Hose 6 feet long with "A" (3/8 - 24) connections

HA3-12 Hose 12 feet long with "A" (3/8 - 24) connections

HA3-25 Hose 25 feet long with "A" (3/8 - 24) connections



GP-600

TRIGGER TORCH®

HOT TURBINE FLAME

Professional Duty Torch
for Soldering and Brazing



BP-22LTE Replacement Tip End for GP-600

Instant Ignition
Lights with the
squeeze of a button

GP-600 Trigger Torch®

- Hot turbine flame
- 1/2" Diameter Flame
- Replacement tip end
- Easily adjustable from a large to small flame
- Uses Propane or Mapp-Style Fuels

SOFT SOLDER	SILVER BRAZING
1/4" - 3-1/2"	1/4" - 1-1/4"

Measured using Mapp-Style Fuels.



SPECIALTY HAND TORCH

GP-600BF Large Brush Flame

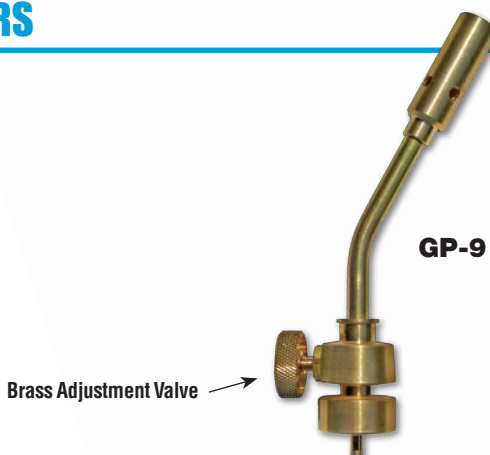
Same torch and features as GP-600 above but has a tip that produces a large 7/8" brush flame used for heat shrinking, roofing, and other applications that need a softer flame and heat.

BRASS TORCH FOR DISPOSABLE CYLINDERS

GP-9 Brass Torch Propane / Mapp-Style Fuels

Made of the finest brass materials, this torch has soft soldering capabilities and is a popular choice for plumbing, heating, electrical and many other uses.

- All brass torch with hot performance flame
- Adjust flame from small pencil point, to large brush flame
- Used with either Mapp-Style or Propane fuel gas
- Fits CGA-600 1 lb. Disposable cylinders





All Tips
Swivel 360°

GHT-100

Standard Torch with
GHT-T1 Single Tip



GHT-200

Torch with
GHT-T2 Twin Tip



Available with
Push Button
Piezo Lighter

GHT-100L

Piezo Lighter Torch
with GHT-TL Tip



GHT-K12

Torch Kit

SWITCH YOUR PERFORMANCE WITH MULTIPLE INTERCHANGEABLE TIPS

- Interchangeable Tips
- Hot Turbine Flame
- Uses Propane or Mapp-Style Fuels
- Filtered Orifice to Prevent Clogging
- Cylinders Not Included

PART NUMBERS	DESCRIPTION
GHT-100	Standard Torch with GHT-T1 Tip
GHT-100D	Torch with Small GHT-TD Tip
GHT-100L	Torch with GHT-TL Piezo Lighter Tip
GHT-200	Torch with GHT-T2 Twin Tip
GHT-K10	Kit with GHT-100 & GHT-TD Detail Tip
GHT-K12	Kit with GHT-100 & GHT-T2 Twin Tip
GHT-KL2	Kit with GHT-100L & GHT-T2 Twin Tip

REPLACEMENT SWITCHFIRE TIPS & REGULATOR

GHT-T1 Standard Single Tip	GHT-TD Small Detail	GHT-TL Push Button Igniter	GHT-T2 Twin Tip	GHT-LTE Tip End for GHT-TL	GHT-R Regulator

TIP NO.	WITH PROPANE		WITH MAP-STYLE - PROPYLENE	
	SOFT SOLDERS	SILVER BRAZES	SOFT SOLDERS	SILVER BRAZES
GHT-TD	1/8" - 1/2"	1/8" - 3/8"	1/8" - 3/4"	1/8" - 1/2"
GHT-T1 & GHT-TL	1/4" - 3"	1/4" - 1"	1/4" - 3-1/2"	1/4" - 1-3/4"
GHT-T2	3/4" - 4"	1/2" - 2"	1-1/2" - 6"	3/4" - 3"

"SIDEWINDER KITS"

KP-26NS: (shown) Snap-In Handle

Contents:

GX-R Regulator, GH-4 Handle,
GT-4 Target Tip, MP-1 Lighter.
HP3-12 Hose, MP-100 Stand.



Cylinders
Not Included

KP-26LNS: Snap-In Handle with Igniter Tip

Contents:

GX-R Regulator, GH-4L Target
Igniter Tip, GT-4 Handle.
HP3-12 Hose, MP-100 Stand.

GX-1

BP-22LTE
Replaceable
Tip End

Lights with
Squeeze of
the Trigger



Built-In
Hose Swivel



Adjustment
Valve

Instant Ignition TORCH-GUN™ HOT TURBINE FLAME

Professional Duty Torch
for Soldering and Brazing

GX-1 Torch-Gun™

- Instant Ignition Trigger
- Flame Adjustment Valve
- Flame Lock Button
- Built-In Hose Swivel
- Durable Construction
- For use with Propane or Mapp-Style Propylene Fuels Only

SOFT SOLDER

1/4" - 3-1/2"

SILVER BRAZING

1/4" - 1-1/4"

Measured using MAPP-Style fuels.



BP-22LTE Replacement Tip End for GX-1

KITS



PART NO.

CONTENTS

CYLINDER REGULATOR

GX-10K:

GX-1, Torch
GX-C, Belt Clip
HP3-5, Hose

GX-R, Regulator
for 1LB. Disposable
Cylinders CGA-600

See regulators and hoses on page 15.

Uniquely Designed
Belt Clip Includes
Torch Holder Feature

GX-10K (shown)



KP-102 (shown)



KLP-4 (shown)



AP-1



GH-4

"PROPANE ONLY" KITS WITH PENCIL AND BRUSH FLAME TIPS

KIT NO.	TIP NO.
KP-102	BP-2
KP-105	BP-5

Kits include: AP-1 handle, EP-70G regulator, MP-1 lighter and HEF-10 hose and tip listed.

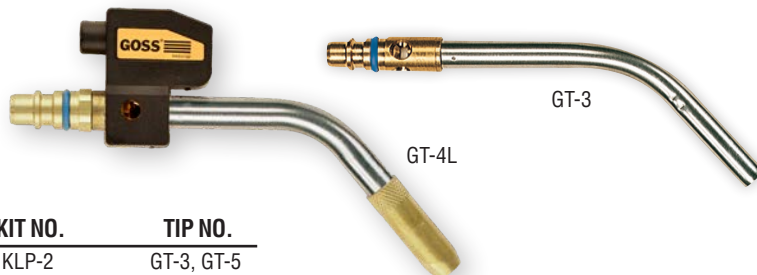


- Quiet, adjustable flame
- Fits AP-1 handle

TIP NO.	FLAME	DIAMETER	SOFT SOLDER	BTU'S @ 40 psi
BP-2	Pencil/Brush	1"	To 1-1/2"	11,000
BP-5	Brush	1-3/8"	To 4"	57,000

TARGET PROPANE/MAPP-STYLE KITS AND TIPS "Snap-in Style"

Snap-in style tips feature the very hot, compact Target Tips for professional soldering and brazing applications. Kits also include a quick disconnect handle, UL listed regulator and accessories.



KIT NO.	TIP NO.
KLP-2	GT-3, GT-5
KLP-4	GT-4
KLP-4L*	GT-4L*

Kits include: GH-4 handle, HP3-12 hose, EP-45G regulator and torch tip(s).

*Instant Igniter

- **MaXPerformance** Turbine Flame
- Tips have a filter and removable orifice
- RUB-136B, O Ring

- Interchangeable with other quick disconnect style tips and equipment
- Tips fit GH-4 handle

TIP NO.	FLAME DIAMETER	SOFT SOLDER	SILVER BRAZE
GT-2	5/16"	Up to 1/2"	Up to 1/4"
GT-3	7/16"	Up to 1"	Up to 1/2"
GT-4	1/2"	Up to 1-1/2"	Up to 3/4"
GT-4L*	1/2"	Up to 1-1/2"	Up to 3/4"
GT-5	3/4"	Up to 2-1/2"	Up to 1-1/4"

*Instant Igniter

TORCH HANDLE "Screw-in Style"

Comfortable handle design reduces operator fatigue. Up front valve offers single-handed operation. Seat gasket, RUB-100.

This handle accepts all screw-in tips shown on page 14.

Uses HEF or HP3 hose shown on page 15.

TORCH HANDLE "Snap-in Style"

Curved handle provides positive grip. Precision machined needle valve allows greater range of flame control. Utilizes quick disconnect for fast tip change over.

This handle accepts all snap-in tips shown on page 14.

Uses HEF or HP3 hose shown on page 15.

HOSE

VAPOR "PROPANE ONLY" GAS HOSE

Quality flexible hose utilizes the standard 9/16–18 LH hose fittings.

Working pressure: 350 PSI.
Outside diameter: 9/16"
Inside diameter: 1/4"

HOSE NO.	LENGTH (ft.)
HEF-6	6
HEF-10	10
HEF-12	12
HEF-20	20
HEF-25	25
HEF-35	35
HEF-50	50

Not for use with Natural Gas.



ALL FUEL GASES

Quality flexible hose for use with multiple gases. 9/16–18 LH hose fittings.

Working pressure: 200 PSI.
Outside diameter: 7/16"
Inside diameter: 3/16"

HOSE NO.	LENGTH (ft.)
HP3-5	5
HP3-12	12

Grade "T" hose.



VAPOR "PROPANE ONLY" HOSE W/ EXCESS FLOW CHECK

Quality hose, POL (CGA-510) cylinder connection with excess flow check valve and "B" torch connection

Propane Use Only

Working pressure: 350 PSI.
Outside diameter: 9/16"
Inside diameter: 1/4"

HOSE NO.	LENGTH (ft.)
HPX-10	10FT



REGULATORS

PROPANE REGULATOR

Use only with vapor withdrawal cylinders. All brass regulators used only with propane torches and furnaces.

Adjustable pressure from 5 to 60 PSI. UL Listed with POL CGA-510 Inlet spud and nut, 1/4" NPT openings, and 9/16 – 18 LH hose outlet.

EP-70G Has 0 to 60 PSI outlet pressure gauge for propane gas.

EP-80G Has 0 to 70 PSI outlet pressure without gauge for propane gas.

XP-234 Regulator with dust cap and heavy duty inlet nut for propane gas.



GX-R

Regulator for 1LB disposable MAP-Pro or Propane cylinders.

-All Brass construction
-Adjustable pressure
-CGA 600 Inlet to "B" Hose Ftg



EP-45G

Regulator for use with Propane or Mapp-Style (Propylene) Fuel gas.

-All Brass construction
-Adjustable pressure
-CGA-510 Inlet to "B" Hose Ftg



LOW PRESSURE "PROPANE ONLY" REGULATOR

(Not for use with torches)

For vapor withdrawal cylinders. Up to 200,000 BTUs. This regulator has approx.

6-7 oz. or 11" water column outlet pressure and is for applications requiring low gas pressure. UL LISTED with 1/4" NPT inlet and 3/8" NPT outlet. **Do not use with any Goss LP torch or furnace equipment.**

EP-60 - 0 Body only, no fittings.

EP-60 - 1 POL inlet, 3/8" flare outlet.

EP-60 - 2 POL inlet, 1/4" flare outlet.

EP-60 - 3 POL inlet, LH hose outlet.

EP-60 - 4 T-Block inlet, 3/8" flare outlet.

EP-60 - 5 POL inlet less outlet.



LOW PRESSURE WITH "PROPANE ONLY" REGULATOR OPD TANK CONNECTION

(Not for use with torches)

For vapor withdrawal cylinders. Same features as the EP-60 regulators except it utilizes an OPD cylinder connection. Up to 200,000 BTUs.

EP-90 - 1 Type 1 inlet, 3/8" flare outlet.

EP-90 - 2 Type 1 inlet, 1/4" flare outlet.

EP-90 - 3 Type 1 inlet, LH hose outlet.

EP-90 - 5 Type 1 inlet, less outlet.





KP-320MA (shown)

BLAZEBURNER™ TORCH KITS & TORCHES

This equipment can be used for weed burning, drying, heating, melting and other applications requiring large volumes of outdoor heat. Each uses vapor propane fuel and has a durable handle with rear on/off control valve. Used by contractors, farmers, fabricators as well as road, railway and industrial maintenance crews.

See regulators and hoses on page 15.

⚡ KP-320MA

Contents: AP-20M Torch with Piezoelectric Igniter Tip, HPX-10, 10 ft. Hose with Cylinder Adaptor.

TORCHES WITH STEEL BURNER



⚡ **AP-20M** Igniter Torch 32" with 2-3/4" BPS-8M Piezo Ignition Tip.

TORCH WITH CAST IRON BURNER



AP-14 Blue-Jet Torch for Propane Only.

TORCH NO.	TOTAL LENGTH (INCHES)	WEIGHT (LB.)	APPROX. BTU's MAX	APPROX. GAS USAGE @ 70 psi (LB./HR.)	TIP	TIP DIAMETER (INCHES)
AP-14	27	5-1/2	300,000	20	BP-10	2-3/8
AP-20	32	1-3/4	500,000	20	BPS-8	2-3/4
AP-20M	32	1-3/4	500,000	20	BPS-8M	2-3/4

CAUTION: This equipment is an unvented device not designed for use indoors and **MUST NOT** be used in an enclosed area. **DO NOT** leave equipment operating unattended. Follow operating instructions included with this equipment. Use in accordance with all Federal, State and local regulations.

ROOFING • WEED BURNING • THAWING

These torches can be used for roofing, heating, drying, weed burning and many other applications that require large volumes of heat. At the squeeze of a lever, operator can go from pilot flame to a full-brush flame as needed. Torches have adjustable pilot valve and stand. Heavy-duty, all brass regulator included with kits.

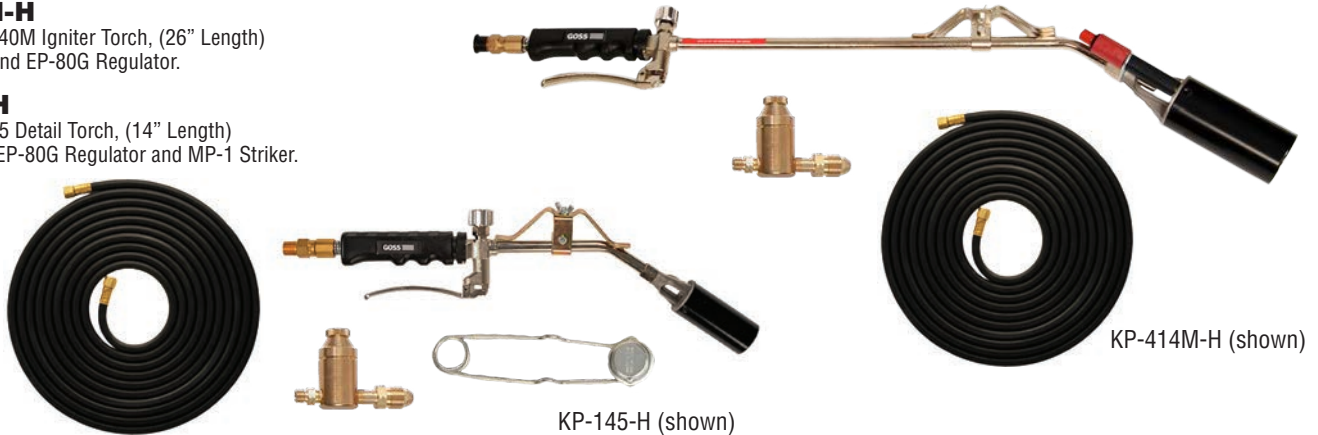
SINGLE TORCH KITS

KP-414M-H

Contents: AP-140M Igniter Torch, (26" Length)
HEF-25 Hose and EP-80G Regulator.

KP-145-H

Contents: AP-45 Detail Torch, (14" Length)
HEF-25 Hose, EP-80G Regulator and MP-1 Striker.



KP-414M-H (shown)

KP-145-H (shown)

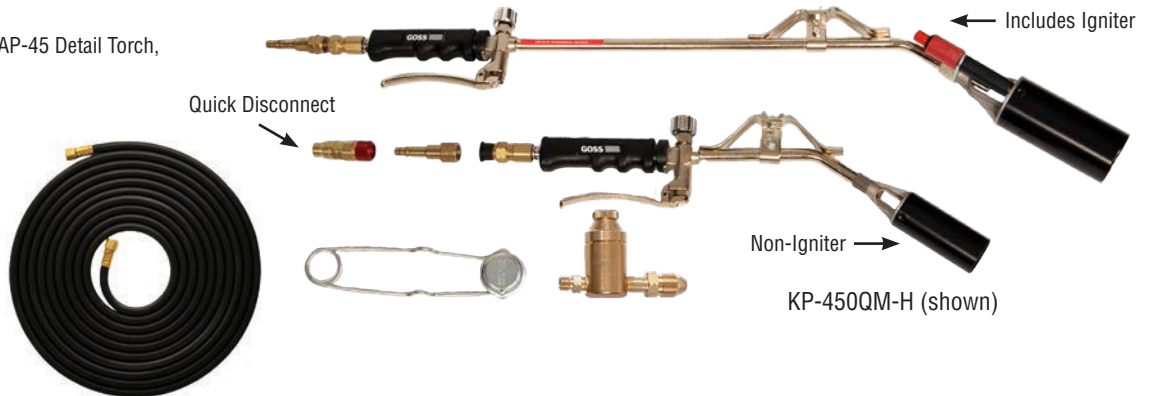
COMBO TORCH KITS

KP-450QM-H

Contents: AP-140M Igniter Torch, AP-45 Detail Torch,
HEF-25 Hose, EP-80G Regulator,
BRS-776 quick disconnect
fittings and MP-1 Striker.

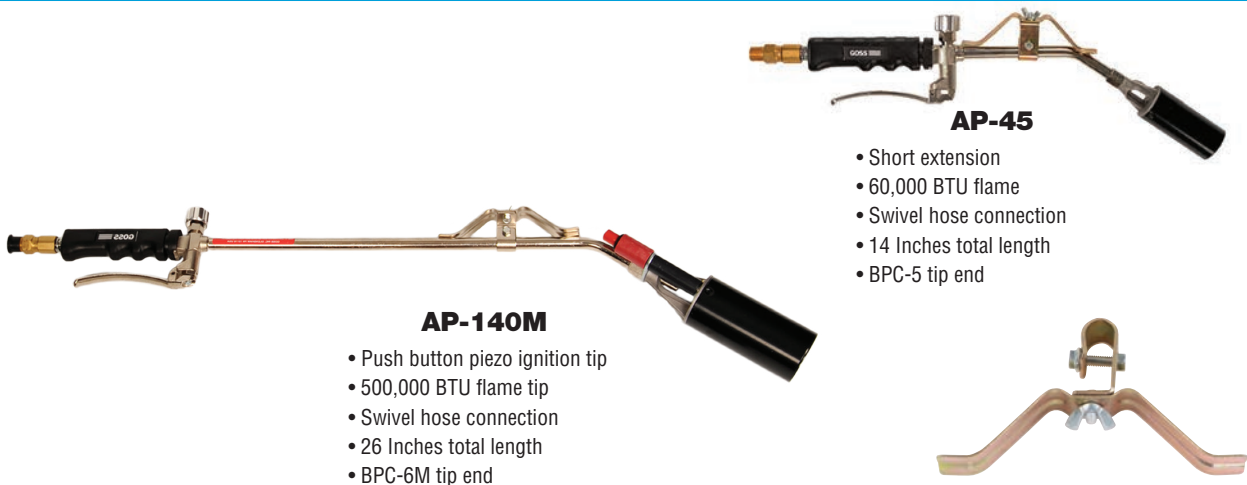
KP-450M-H

Contents: Same as KP-450QM-H
except without quick disconnect.



KP-450QM-H (shown)

TORCHES & PARTS



AP-140M

- Push button piezo ignition tip
- 500,000 BTU flame tip
- Swivel hose connection
- 26 Inches total length
- BPC-6M tip end

AP-45

- Short extension
- 60,000 BTU flame
- Swivel hose connection
- 14 Inches total length
- BPC-5 tip end

MP-19

Torch Stand

NITROGEN METERING REGULATORS

PART NO.	MAXIMUM OUTLET PRESSURE	GAS	OUTLET FITTING
EN-450F	450 PSIG	Nitrogen	1/4" Flare Male
EN-850F	850 PSIG	Nitrogen	1/4" Flare Male

Heavy duty regulators that deliver the pressure and volume most requested by professionals.



NITROGEN PURGE & BLOW GUN KIT

- 6 ft./ 1/8m Hose (H72Y)
- EN-450F High Pressure Regulator
- Quality Die-cast Blow Gun (BG-1)
- Multiple Uses: Purges, Blow, Leak Tests
- Add Stands to KPN-1 Kit:
 - KPN-20S Includes Blow Gun Kit and Stand for 20 Cubic ft. Cylinders
 - KPN-40S Includes Blow Gun Kit and Stand for 40 Cubic ft. Cylinders



NITROGEN ACCESSORIES

REFRIGERANT HOSE

- Nylon Lined/Low Porosity
- UL Listed
- Suitable for R12, R13A, R22, R500, R502, R410A and HCFC Blends
- 6 ft. Long

H72Y



BLOW GUN

- OSHA Approved Nozzle
- Durable Construction
- ON/OFF Lever

BG-1



NITROGEN-SAVER™ NITROGEN PURGE/BRAZE

Attaches to any Nitrogen Regulator with 1/4 Flare Outlet.

Simple-to-use product for Purging and Brazing. Heavy-duty brass construction with preset CFH flow rates. Preset flow rates are adjustable by changing regular pressures unlike other devices found in the market place. Attaches to any Nitrogen Regulator with 1/4" Flare Outlet.



FM-200F (shown)

ADJUSTABLE CFH FLOW RATES

REGULATOR PRESSURE	PURGE OUTLET CFH	BRAZE OUTLET CFH
100 PSI	30 CFH	5 CFH
200 PSI	50 CFH	10 CFH
300 PSI	70 CFH	15 CFH

- Preset flow rates for purging and brazing
- Internal filtering for constant flow
- Easy to use, attaches to any regulator with 1/4" flare outlet
- Heavy duty brass construction

NITROGEN FLOWMETER

Ideal for HVAC and refrigeration brazing or purging applications. Brazing without nitrogen causes internal oxidation scale that can flake off and damage the parts inside a system. Brazing with nitrogen flowing through system displaces oxygen and eliminates internal scale.

- Visually confirms gas is flowing through system while brazing
- Saves gas by delivering precise flow of nitrogen into system
- Solid brass body and fittings with visible round chromium steel bar
- Inlet and outlet connections use standard 1/4" flare (7/16" - 20) fittings
- Set regulator to 50 PSI and adjust flowmeter range from 0-75 SCFH
- Auto-Reset safety protects from regulator over-pressure delivery



FM-100F (shown)



FM-100F (shown)

DISPOSABLE CYLINDERS



QLP Propane Fuel Cylinder

Net wt.: 14.1 oz.
(400 gm.)
Disposable steel cylinder. Fits most standard propane torches and other propane appliances. (CGA 600 fitting)



QLM Propylene Fuel Cylinder

Net wt.: 16.1 oz.
(456 gm.)
Disposable steel cylinder containing a composition of Propylene. (CGA 600 fitting)

ACCESSORIES



MP-21 Flame Shield

Size: 10" x 18"

Asbestos free material helps protect walls, joints and studs from flame and spark damage.



G-9000 Heat Barrier

Size: 12oz.

- Use to protect valves & many other components from heat damage associated with torch use
- Reusable, use over & over again
- Molds like clay to any configuration
- No drips, no mess, easy to remove



MP-100 Cylinder Holder

Keeps torch and tank upright.



MP-1 Lighter

Single flint lighter. (Flint included.)



MP-20-XC Lighter

MP-1 lighter with MP-2-5 flints packaged for display.



MP-2-5 Lighter

Holder of 5 flints for MP-1 lighter.



MP-6 Lighter

Triple flint lighter.



MP-7 Flint

Triple flint.



MA-2 Wrench

Wrench for "B" and "MC"
Acetylene cylinders.



MP-4 Wrench

Multi-size wrench.



MP-37-A Tip Cleaner



MP-35 Welding Goggles

Over-the-glasses
style.

KEY:

B Refers to 9/16 – 18 Threads
A Refers to 3/8 – 24 Threads

LH Refers to Left Hand Threads
RH Refers To Right Hand Threads

M Refers to Male Threads
F Refers to Female Threads

Oxygen Has Right Hand Threads
Fuel Gas Has Left Hand Threads

Y-OUTLET



IP-3

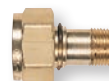
9/16" – 18 LH fittings.
Connects to outlet of regulator.

CYLINDER TO REGULATOR ADAPTERS



BRS-364

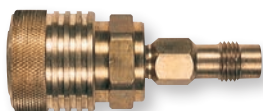
B Reg. to MC Cyl.



BRS-365

B Cyl. to MC Reg.

TIP TO HANDLE ADAPTERS



BRS-770

Adapts snap-in tips to torch
handles with screw-in design.



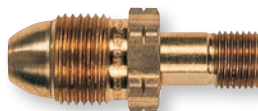
BRS-700

Converts TW-5A and TW-10A oxy/fuel
torch to screw-in air/fuel tips.

COUPLERS & ADAPTERS

POL cylinder connection x 9/16" – 18
LHM hose fitting.

1" 20m x 9/16" – 18 LHM hose fitting.



IP-2 Adapter

Propane tank to hose.
Includes built-in excess flow valve.



BRS-461 Adapter

Enables hand torches that connect
to disposable tanks to be connected
to a hose.

QUICK CONNECT ADAPTER



BRS-776

Snap Together



BRS-776M

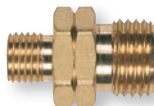


BRS-776F

BRS-776 Quick Change Adapter

- High flow design
- Made of brass & aluminum
- UL Listed
- Connects torch to hose

HOSE TO HOSE COUPLERS



BRS-317

Fuel Hose Coupler
(A) 3/8-24 LH to (A) 3/8-24 LH

BRS-319

Fuel Hose Coupler
(B) 9/16-18 LH to (B) 9/16-18 LH

BELT CLIP



GX-C

Belt Clip used with GX-R Regulator. Includes
hook to hold torch.

GOSS TIP PERFORMANCE CHARTS

CUTTING TIPS (ACETYLENE) 3-101 Series

TIP SIZE	FUEL PSIG	OXYGEN PSIG	CUTTING THICKNESS
000	3-5	20-25	1/8"
00	3-5	25-30	1/4"
0	3-5	25-30	1/2"
1	3-5	30-35	3/4"
2	3-5	35-40	1-1/4"
3	4-8	40-45	2"

BRAZING / WELDING TIPS (ACETYLENE) W-J, 3033J, 2033 Series

TIP SIZE	FUEL PSIG	OXYGEN PSIG	BTU HR	BRAZING CAPACITY FOR COPPER TUBING	WELDING THICKNESS
000	3-5	3-5	2,000	1/8" - 1/2" (3 - 12 mm)	1/32" - 1/8"
00	3-5	3-5	3,000	1/8" - 3/4" (3 - 19 mm)	1/16" - 3/64"
0	3-5	3-5	4,500	1/4" - 1" (6 - 25 mm)	1/32" - 5/64"
1	3-5	3-5	6,000	1/4" - 1-1/4" (6 - 31 mm)	3/64" - 3/32"
2	3-5	3-5	10,000	1/2" - 1-1/2" (12 - 38 mm)	1/16" - 1/8"
3	3-6	4-7	17,500	3/4" - 1-1/2" (19 - 38 mm)	1/8" - 3/16"

Heating / Specialty Tips (Acetylene)

TIP STYLE	FUEL PSIG	OXYGEN PSIG	BTU HR	BRAZING CAPACITY FOR COPPER TUBING
2033H-15 Multiflame	6-8	10-15	22,000	up to 2-1/2"
2066T-00 Twin Tip	3-5	3-5	4,500	up to 1/2"
2066T-0 Twin Tip	3-5	3-5	6,000	up to 1"
2066T-1 Twin Tip	3-6	4-7	9,000	up to 1-1/4"
2077G-00 G-Tip	3-5	3-5	4,500	up to 1/2"
2077G-0 G-Tip	3-5	3-5	6,000	up to 1"
2077G-1 G-Tip	3-6	4-7	9,000	up to 1-1/2"
2077G-2 G-Tip	3-6	4-7	15,000	up to 2"
2077G-3 G-Tip	3-6	4-7	25,000	up to 2-1/2"
3033H-15 Multiflame	6-8	10-15	22,000	up to 2-1/2"
3033H-30 Multiflame*	7-10	10-15	44,000	up to 4"

*Only use with 40 cu. ft. "B" cylinder or larger.

NOTE: Pressures are approximate using 3/16 ID Hose, 12ft. Long

WARRANTY

LIMITED WARRANTY:

Goss Inc. warrants to the original purchaser that its products shall be free from defects in material and workmanship under normal use and service within three (3) years of purchase. Goss Inc. will, at its election, repair, replace or make appropriate price adjustment where any product is found by inspection to be defective.

LIMITATION OF WARRANTY:

It is understood and agreed that Goss Inc.'s liability, whether in contract, in tort, under any warranty in negligence or otherwise shall not exceed the return of the amount of the purchase price paid by the original purchaser and under no circumstances shall Goss Inc. be liable for special, indirect or consequential damages.

The price stated for the equipment is a consideration in limiting Goss Inc. liability. No action, regardless of form, arising out of the transactions under this Agreement may be brought by the purchaser more than one (1) year after the cause of action has accrued.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so this limitation and exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

GOSS[®]

PROFESSIONAL TORCH EQUIPMENT

Counter person and contractor friendly. All packaging and equipment are color-coded for easy identification.



GOSSWELD (Oxygen-Fuel)



TARGET TORCH & ACET-O-LITE (Air-Acetylene)



PROFLAME (Air-Propane)



NITROGEN EQUIPMENT



ACCESSORIES & GENERAL INFORMATION



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